

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD**

TOXIC SALT REDUCTION

(acre)

CODE 610

DEFINITION

Reducing or redistributing the harmful concentrations of salt and/or sodium in a soil (sometimes referred to as leaching).

(volume and timing) of the leaching fraction, the need for additional irrigation water, and the impact of drainage if installed as an associated practice.

PURPOSE

To permit desirable plants to grow.

Water Quality

1. Effects on irrigation induced erosion, sedimentation, and soluble and sediment-attached substances in irrigation tailwater.
2. Effects of leaching on the volume of toxic salts and soluble nutrients and pesticides removed from the root zone. Identify the ultimate residence of the chemicals and the surface and ground water impact of drainage if installed as an associated practice.

CONDITIONS WHERE PRACTICE APPLIES

On land where the accumulation of salt at or near the surface limits the growth of desirable plants.

PLANNING CONSIDERATIONS

Water Quantity

1. Effects on the water budget, especially on infiltration, deep percolation, and ground water recharge. Consider the variability

SPECIFICATIONS GUIDE

Methods of reducing concentrations and time.

<p>Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resources Conservation Service.</p>
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